

ABSTRACT OF THE DISCLOSURE

Disclosed are methods for treating endoleaks arising from endovascular repair of abdominal aortic aneurysms. The disclosed methods involve the *in situ* sealing of endoleaks after placement of an endovascular prostheses in the abdominal aorta. Sealing of endoleaks is achieved by 5 injection of either a biocompatible polymer or prepolymer fluid composition into the endoleak which composition *in situ* solidifies to seal the leak. Preferably, the biocompatible fluid composition comprises a contrast agent to allow the clinician to visualize the sealing process.

09954789 091301